

FORM 5-62 USE PREVIOUS EDITIONS

CLASSIFIED MESSAGE

DATE 21204Z 04 MAY 65

S E C R E T

ROUTING	
1	APD-OSA
2	"
3	TO-OSA
4	OK
5	PS
6	
7	
8	

25X1

TO : DIRNSA, OPCEN, AFFSSO SAFSS, SAFSP, SSD

FROM : SSO SAN FRANCISCO

ACTION:

ROUTINE

INFO : NRO Review Completed as Redacted.

IN 85951

TOR: 1337Z 07 MAY 65

OSA 1-15 E

S E C R E T THIS IS A BYECOM MESSAGE HANDLE VIA

25X1

BYEMAN CONTROL CHANNELS ONLY SFN. PROJ

25X1

FOR BCO'S:

SAFSS FOR , SAFSP FOR , DIRNSA FOR ;

25X1

SSD FOR OPCEN FOR

25X1

REF: SFN P

25X1

INTERCEPT -

25X1

DUE TO A GEOMETRICAL ERROR IN THE INTERPRETATION OF THE ANTENNA PATTERN MEASUREMENTS, THE ANTENNA INFO GIVEN IN PARA B OF REF MSG. IS INCORRECT. THE CORRECT VALUES FOR THE RELATIVE ANTENNA GAIN OVER THE ANGLE SUBTENDED DURING THE INTERCEPT ARE AS FOLLOWS:

VERT. POL. HOR. POL. CIR. POL.

START OF INTERCEPT

25X1

MIDDLE

END

BECAUSE OF THE GAIN VARIATIONS FOR ALL POLARIZATIONS, IT CAN

S E C R E T

GROUP 1
EXCLUDED FROM AUTO-
MATIC DOWNGRADING
AND DECLASSIFICATION

2 25X1

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SAN FRANCISCO SFN [] (IN 85951) S E C R E T [] PAGE=2

25X1

NO LONGER BE CONCLUDED THAT THE RECEIVED SIGNAL WAS VERTICALLY
POLARIZED. CORRECTING THE MEASURED SIGNAL LEVEL OF [] FOR
THE ANTENNA GAIN RESULTS IN THE SIGNAL LEVEL AT THE VEHICLE
FALLING WITHIN THE RANGE [] DEPENDING ON POL-
ARIZATION AND INTERCEPT ANGLE. USING [] FREE SPACE ATTEN-
UATION RESULTS IN AN EMITTER ERP RANGE OF PLUS [] TO
PLUS [] GP-1

25X1

25X1

25X1

25X1

25X1

END OF MESSAGE

S E C R E T []

25X1